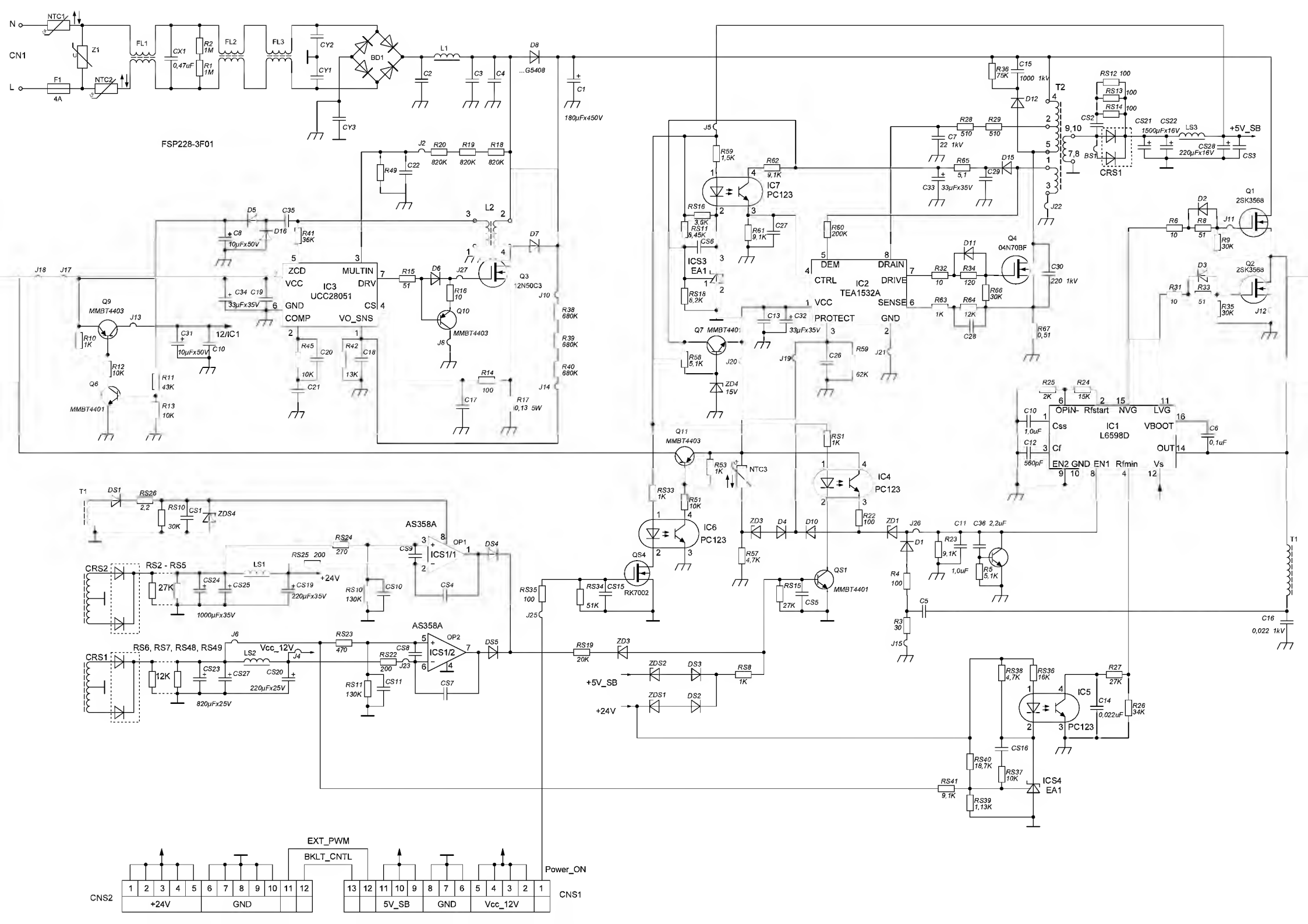
N
CN1
L
NTC1
Z1
F1
4A
NTC2
FL1
CX1
0,47uF
R2 1M
R1 1M
FL2
FL3
CY2
CY1
CY3
BD1
L1
C2
C3
C4
D8
...G5408
C1
180µFx450V
FSP228-3F01
J2
R20 820K
R19 820K
R18 820K
R49
C22
D5
C35
D16
C8 10µFx50V
R41 36K
L2
D7
IC3
UCC28051
ZCD
VCC
GND
COMP
MULTIN
DRV
CS
VO_SNS
R15 51
D6
J27
Q3 12N50C3
R16 10
Q10 MMBT4403
J6
C34 C19 33µFx35V
Q9 MMBT4403
J13
R10 1K
R12 10K
Q6 MMBT4401
R11 43K
R13 10K
C31 10µFx50V
C10
12/IC1
R45 10K
C20
C21
R42 13K
C18
R14 100
C17
R17 0,13 5W
R38 680K
R39 680K
R40 680K
J10
J14
J18
J17
J5
R59 1,5K
R62 9,1K
IC7
PC123
RS16 3,6K
RS11 5,45K
CS6
R61 9,1K
C27
ICS3
EA1
R58 5,1K
ZD4 15V
Q7 MMBT4401
J20
J19
J21
C13
C32 33µFx35V
IC2
TEA1532A
DEM
CTRL
VCC
PROTECT
GND
DRAIN
DRIVE
SENSE
C26
R59 62K
R60 200K
R56 5,6K
R63 1K
R64 12K
C28
R32 10
D11
R34 120
Q4 04N70BF
R66 30K
C30 220 1kV
R67 0,51
R36 75K
C15 1000 1kV
D12
T2
R28 510
R29 510
C7 22 1kV
R65 5,1
D15
C33 33µFx35V
C29
J22
RS12 100
RS13 100
RS14 100
CS2
CS21
CS22 1500µFx16V
LS3
+5V_SB
CS28 220µFx16V
CS3
BS1
CRS1
D2
Q1 2SK3568
R6 10
R8 51
J11
R9 30K
D3
Q2 2SK3568
R31 10
R33 51
R35 30K
J12
R25 2K
R24 15K
OPIN-
Rfstart
NVG
LVG
IC1
L6598D
VBOOT
OUT
C10 1,0uF
Css
C12 560pF
Cf
C6 0,1uF
EN2 GND EN1 Rfmin Vs
Q11 MMBT4403
R53 1K
NTC3
RS1 1K
IC4
PC123
RS33 1K
R51 10K
IC6
PC123
ZD3
D4
D10
R22 100
ZD1
J26
D1
C11
C36 2,2uF
R23 9,1K
1,0uF
R5 5,1K
R4 100
C5
R3 30
J15
QS4
RK7002
QS1
MMBT4401
R57 4,7K
RS15
CS5
27K
RS35 100
J25
RS34
CS15
51K
T1
DS1
RS26 2,2
RS10 30K
CS1
ZDS4
AS358A
ICS1/1
OP1
RS24 270
RS25 200
CS9
DS4
CS4
CRS2
RS2 - RS5
27K
CS24
CS25
LS1
CS19 220µFx35V
+24V
1000µFx35V
RS10 130K
CS10
RS19 20K
ZD3
ZDS2
DS3
RS8 1K
+5V_SB
ZDS1
DS2
+24V
AS358A
ICS1/2
OP2
RS23 470
RS22 200
CS8
DS5
J23
RS11 130K
CS11
CS7
CRS1
RS6, RS7, RS48, RS49
12K
CS23
CS27
LS2
Vcc_12V
J4
CS20 220µFx25V
820µFx25V
RS38 4,7K
RS36 16K
R27 27K
IC5
PC123
C14 0,022uF
R26 34K
CS16
RS40 18,7K
RS37 10K
ICS4
EA1
RS41 9,1K
RS39 1,13K
C16 0,022 1kV
EXT_PWM
BKLT_CNTL
Power_ON
CNS2
CNS1
1 2 3 4 5 6 7 8 9 10 11 12
+24V
GND
13 12 11 10 9 8 7 6 5 4 3 2 1
5V_SB
GND
Vcc_12V